

# CURRICULUM

## B.TECH THIRD SEMESTER

Sl No	Subject Code	Subject Name
1	EN010301B	Engineering Mathematics II
2	EN010302	Economics and Communication skills
3	CS010303	Problem Solving and Computer Programming
4	CS010304	Computer Organization
5	CS010305	Switching Theory and Logic Design
6	CS010306	Electronics Devices and Circuits

## B.TECHFOURTH SEMESTER

Sl No	Subject Code	Subject Name
1	EN010401	Engineering Mathematics III
2	CS010402	Object Oriented Programming
3	CS010403	Data Structures and Algorithms
4	CS010404	Signals and Communication System
5	CS010405	Microprocessor Systems
6	CS010406	Theory of Computation

## **B.TECHFIFTHSEMESTER**

Sl No	Subject Code	Subject Name
1	EN010501B	Engineering Mathematics IV
2	EN010502(ME)	Principles of Management
3	CS010503	Database Management Systems
4	CS010504(EC)	Digital Signal Processing
5	CS010505	Operating Systems
6	CS010506	Advanced Microprocessors and Peripherals

## **B.TECHSIXTH SEMESTER**

Sl No	Subject Code	Subject Name
1	CS010601	Design and Analysis of Algorithms
2	CS010602	Internet Computing
3	CS010603	System Software
4	CS010604	Computer Networks
5	CS010605	Software Engineering
	<u>Elective I</u>	
	CS010606 L01	Distributed Systems
	CS010606L02	Microcontroller Based Systems
6	CS010606L03	User Interface Design
	CS010606L04	Unix Shell Programming
	CS010606L05	Embedded Systems
	CS010606L06	Advanced Software Environment

## **B.TECHSEVENTH SEMESTER**

<b>Sl.No</b>	<b>Subject Code</b>	<b>Subject Name</b>
1	CS010 701	Web Technologies
2	CS010 702	Compiler Construction
3	CS010 703	Computer Graphics
4	CS010 704	Object Oriented Modeling and Design
5	CS010 705	Principles of Programming Languages
6	<u>Elective II</u>	
	CS010 706L01	Real Time Systems
	CS010 706L02	Data Mining and Data Warehousing
	CS010 706L03	Operating System Kernel Design
	CS010 706L04	Digital image processing
	CS010 706L05	Data Processing and File Structures
	CS010 706L06	Client Server Architecture and applications

## **B.TECH EIGHTH SEMESTER**

<b>Sl.No</b>	<b>Subject Code</b>	<b>Subject Name</b>
1	CS010 801	High Performance Computing
2	CS010 802	Artificial Intelligence
3	CS010 803	Security in Computing
4	<u>Elective III</u>	<u>Elective IV</u>
	CS010 804L01 E-Commerce	CS010 805G01 Multimedia Techniques
	CS010 804L02 Grid Computing	CS010 805G02 Neural networks
	CS010 804L03: Bioinformatics	CS010 805G03 Advanced Mathematics
	CS010 804L04 Optimization Techniques	CS010 805G04 Software Architecture
	CS010 804L05 Mobile Computing	CS010 805G05 Natural Language Processing
	CS010 804L06 Advanced Networking Trends	CS010 805G06 Pattern Recognition